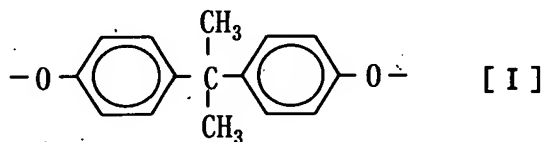


## CLAIMS

1. A binder resin for toner comprising a polyester structure consisting at least of a structure derived from carboxylic acid and a structure derived from alcohol, characterized in that

it contains the structural unit of the following formula [I] in an amount of 1 mol% or less with respect to all the structural units derived from alcohol:



the content of tin is 5 ppm or less;

the content of an element selected from titanium, germanium and aluminum ranges from 10 ppm to 1500 ppm; and

the melting temperature is 110°C or higher.

2. The binder resin for toner according to claim 1, characterized in that when the sum of all the structural units derived from carboxylic acid and of all the structural units derived from alcohol is taken to be 100 mol%, the resin comprises 0.1 to 10 mol% of a structural unit derived from isocyanate compound.

3. The binder resin for toner according to claim 1, characterized in that it comprises 0 to 40% by mass of the THF-insoluble components and 100 to 60% by mass of the THF-

soluble components.

4. The binder resin for toner according to claim 1, characterized in that

at least 60 mol% of the structures derived from carboxylic acid comprise a structure derived from terephthalic acid,

at least 40 mol% of the structural units derived from alcohol comprise a structure derived from ethylene glycol, and

at least 75 mol% of the structural units derived from alcohol comprise structures derived from ethylene glycol and neopentyl glycol.

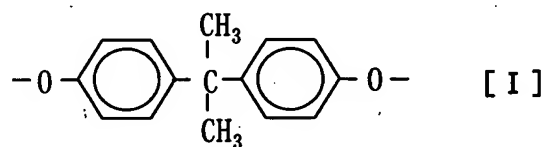
5. The binder resin for toner comprising a polyester structure consisting at least of a structure derived from carboxylic acid and a structure derived from alcohol, characterized in that it is obtained

from 10 to 60% by mass of polyester resin (A) having an OH number of 30 to 90 KOH mg/g and glass transition temperature of 0 to 50°C, and

40 to 90% by mass of polyester resin (B) having an OH number of 10 KOH mg/g or less and a molecular weight of 1000 to 4000, and comprising at least 10 mol% of a structure derived from isophthalic acid, with respect to 100 mol% of all the units derived from the alcohol constituting the polyester, and

from polyvalent isocyanate;

the structural unit of the following formula [1] constitutes 1 mol% or less of all the structural units derived from alcohol;



; and

the melting temperature is 110°C or higher.

6. The binder resin for toner according to claim 5, characterized in that polyester (A) has a number-average molecular weight of 1000 to 4000 and comprises 2 to 20 mol% of structural units derived from polyvalent alcohol with a molecular valence of 3 or higher, with respect to 100 mol% of all the units derived from the alcohol constituting the polyester; and that polyester (B) has a glass transition temperature of 40 to 80°C.

7. The toner using the binder resin for toner described in claim 1 or claim 5.